

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	288	(173/4).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/08/28 18:16
L2	8	("1715359"   "4366868"   "4624325"   "4934465"   "4993504"   "5351763"   "5520254").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/28 18:18
L3	6	("2791097"   "4343368"   "4871035"   "4934465"   "4993504").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/28 18:19
L4	5	("5351763").URPN.	USPAT	OR	ON	2007/08/28 18:19
L5	15	("4109734"   "4366868"   "4567768"   "4582145"   "4593768"   "4624325"   "4699223"   "4718500"   "4854394"   "4934465"   "5002136"   "5129464"   "5351763"   "5479996"   "5520254").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/28 18:20
L6	5	("6273199").URPN.	USPAT	OR	ON	2007/08/28 18:22
L7	9	("4109734"   "4658913"   "4718500"   "4928775"   "5002136"   "5435401"   "5680904"   "5803187"   "6502650").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/28 18:22
L8	2	("6854538").URPN.	USPAT	OR	ON	2007/08/28 18:24
L9	27	("2791097"   "3670826"   "4073350"   "4194579"   "4262755"   "4343368"   "4494614"   "4508017"   "4593768"   "4601349"   "4624325"   "4699223"   "4871035"   "4934465"   "4993504"   "5351763"   "5361831"   "5479996"   "5520254"   "5875857"   "5896937"   "5944120"   "6186246"   "6209661"   "6273199"   "6318478").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/28 18:24
L10	0	("7032684").URPN.	USPAT	OR	ON	2007/08/28 18:26
L11	0	("2006/0213690").URPN.	USPAT	OR	ON	2007/08/28 18:27
L12	238	(173/212).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/08/28 18:27

## EAST Search History

S1	65	((percuss\$3 hammer\$3) near2 drill) same bearing same piston same (shank bit) same pressur\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/08/28 16:05
S2	15	((TIMO) near2 (MUUTTONEN)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/27 15:50
S3	6	((ESA) near2 (RANTALA)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/27 16:05
S6	558	(175/296).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/08/28 15:19
S7	10	((percuss\$3 hammer\$3) near2 drill) same ((adjust\$4 adjustab\$5 vari\$3 vary\$3 differ\$4) near4 (travel\$4 length distance) near4 (shank shaft))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/08/28 15:26
S8	4	(("6318478") or ("5479996")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/08/28 16:07
S9	235	(175/297).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/08/28 16:07
S10	678	(175/321).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/08/28 16:14
S11	8	("1715359"   "4366868"   "4624325"   "4934465"   "4993504"   "5351763"   "5520254").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/28 16:20
S12	2	("6186246").URPN.	USPAT	OR	ON	2007/08/28 16:29
S13	7	("4006665"   "4109734"   "4468594"   "4871035"   "5002136"   "5129466"   "5259464").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/28 16:30

## EAST Search History

S14	18	("5520254").URPN.	USPAT	OR	ON	2007/08/28 16:34
S15	18	("5520254").URPN.	USPAT	OR	ON	2007/08/28 16:45
S16	516	(173/206).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/08/28 18:16